



PTO/SB/08A (08-03)

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 1

of 2

Complete if Known

Application Number	10/710,624
Filing Date	July 26, 2004
First Named Inventor	Peter C. Williams
Art Unit	2859
Examiner Name	C. Fulton
Attorney Docket Number	22188/06830

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
CLF		US- 2,029,798	02/1936	Schellin	
CLF		US- 2,322,587	06/1943	Payne	
		US- 3,403,373	09/1963	Lennon et al.	
CLF		US- 3,139,293	06/1964	Franck	
CLF		US- 3,153,974	10/1964	Canning	
		US- 3,287,813	11/1966	Lennon et al.	
CLF		US- 4,127,927	12/1978	Hauk et al.	
CLF		US- 4,162,802	07/1979	Cox	
CLF		US- 4,919,455	04/1990	Yoshiro	
CLF		US- 4,925,217	05/1990	Ketcham	
CLF		US- 5,074,599	12/1991	Wirbel et al.	
CLF		US- 5,134,783	08/1992	Perry	
CLF		US- 5,226,679	07/1993	Klingler	
CLF		US- 5,388,866	02/1995	Schlosser	
CLF		US- 5,441,312	08/1995	Fujiyoshi et al.	
CLF		US- 5,472,242	12/1995	Peterson	
CLF		US- 6,073,976	06/2000	Schmidt et al.	
		US-			
		US-			

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ³
		Country Code ⁴ Number ⁴ Kind Code ⁵ (if known)				
CLF		DE 4413595	10/1995	Berwald Werner		
CLF		EP 903 529	03/1999	Nippon Pillar		
CLF		GB 1361372	07/1974	The Weatherhead		
CLF		GB 2049853	12/1980	James Neill		
CLF		GB 2115940	09/1983	Vallourec		
CLF		GB 2120795	12/1983	Benjamin Priest		

Examiner
SignatureDate
Considered

3-1-05

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.



~~Subsidiary of PTO~~

(Use as many sheets as necessary)

Sheet 2

2

of 2

2

Complete if Known

Application Number	10/710.624
--------------------	------------

Filing Date	July 26, 2004
-------------	---------------

First Named Inventor	Peter C. Williams
----------------------	-------------------

Art Unit	2859
----------	------

Examiner Name	C. Fulton
---------------	-----------

Attorney Docket Number	22188/06830
------------------------	-------------

U. S. PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS

**Examiner
Signature**

Charles Felt

Date
Considered

3-1-05

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.